Contents of Agriculture, Ecosystems and Environment, Volume 53

VOL. 53 NO. 1	MARCH 1995
Effects of ozone on the light use of rice (Oryza sativa L.) plants	
K. Kobayashi (Ibaraki, Japan) and M. Okada (Iwate, Japan)	1
The effect of ivermectin on the development and reproduction of the dung-breeding fly Musca nevilli Kleynham	s (Diptera, Muscidae)
K. Krüger and C.H. Scholtz (Pretoria, South Africa) An artificial productive ecosystem based on a fish/bacteria/plant association. 2. Performance	13
I. Quilleré, L. Roux (Versailles, France), D. Marie (Jouy-en-Josas, France), Y. Roux, F. Gosse and J.F. Me	pent Ganden
(Versailles, France)	
Agriculture, environment and biotechnology	
A.M. Mannion (Reading, UK)	31
Evaluating baseline data for copper, manganese, nickel and zinc in rice, yam, cassava and guinea grass from cul	
C. Chukwuma, Sr. (Helsinki, Finland)	
Influence of phosphate fertilization on fungal alkaline phosphatase and succinate dehydrogenase activities in art soybean and pineapple	
J.P. Guillemin (Dijon, France), M.O. Orozco (Havana, Cuba), V. Gianinazzi-Pearson and S. Gianinazzi (I	Diion France) 63
Effects of ammonia and root-knot nematode on tomato	Jon, Limber, Hilliam So
M.R. Khan and M. Wajid Khan (Aligarh, India)	
Historical land use evolution in a tropical acid upland agroecosystem	
D.P. Garrity and P.C. Agustin (Manila, Philippines)	83
Contents of Applied Soil Ecology, Vol. 2, No. 1	97
VOL. 53 NO. 2	APRIL 1995
A conceptual model of cumulative environmental effects of agricultural land drainage	
H. Spaling and B. Smit (Guelph, Ont., Canada)	99
Effects of ozone on dry matter partitioning and yield of Japanese cultivars of rice (Oryza sativa L.)	
K. Kobayashi (Ibaraki, Japan), M. Okada (Iwate, Japan) and I. Nouchi (Ibaraki, Japan)	109
Foraging activity of bumblebees (Bombus) in relation to flower resources on arable land	
W. Dramstad and G. Fry (Aas, Norway)	
The influence of post-flowering pests on cowpea seed yield with particular reference to damage by Heteroptera	
H. Dreyer (Cotonou, Benin) and J. Baumgärtner (Chur, Switzerland)	
Influence of inoculation with arbuscular mycorrhizal fungi on the growth and mycorrhizal infection of transplant	
M. Vosátka (Průhonice, Czech Republic)	151
Modelling recent and historic soil data from the Rothamsted Experimental Station, UK using SAFE	
H. Sverdrup, P. Warfvinge (Lund, Sweden), L. Blake and K. Goulding (Harpenden, UK)	161
Alfalfa growth and absorption of cadmium and zinc from soils amended with sewage sludge	
R.W. Miller, M.L. Al-Khazraji, D.R. Sisson (Logan, UT, USA) and D.T. Gardiner (Kingsville, TX, USA) The effect of nitrogen fertiliser on the growth of <i>Bromus sterilis</i> in field boundary vegetation	179
A.J. Theaker (Reading, UK), N.D. Boatman (Fordingbridge, UK) and R.J. Froud-Williams (Reading, UK)	195
A.J. Theater (Acading, UK), IA.D. Doamian (Tolumgoriuge, UK) and A.J. Tibud-Williams (Acading, UK)	J 10J

Book reviews

Ruminant digestion and metabolism	193
Pesticide-free farming	194
Irrigated forage production	195
Legumes	196
Contents of Applied Soil Ecology, Vol. 2, No. 1	199
VOL. 53 NO. 3	AY 1995
Insects, plants and succession: advantages of long-term set-aside	
S.A. Corbet (Cambridge, UK)	201
Criteria for sustainable livestock production: a proposal for implementation	
J. De Wit, J.K. Oldenbroek (Zeist, The, Netherlands), H. Van Keulen and D. Zwart (Wageningen, The, Netherlands)	219
Fungicide use reduction in apple production—potentials or pipe dreams?	
L.J. Penrose (Orange, N.S.W., Australia)	231
Methane sources and sinks in paddy rice soils: relationship to emissions	
B.C. Banker, H.K. Kludze, D.P. Alford, R.D. DeLaune and C.W. Lindau (Baton Rouge, LA, USA)	243
Effect of soils, cropping system and host phenotype on incidence and severity of Striga gesnerioides on cowpea in West Africa	
K.F. Cardwell (Ibadan, Nigeria) and J.A. Lane (Bristol, UK)	253
Effects of ground cover on tree survival and growth in filter strips of the Cornbelt Region of the midwestern US	
A.R. Gillespie, B.K. Miller and K.D. Johnson (West Lafayette, IN, USA)	263
Energy output input ratio of maize and sorghum management systems in eastern Nebraska	
A.J. Franzluebbers (College Station, TX, USA) and C.A. Francis (Lincoln, NE, USA)	271
Analyzing cumulative environmental effects of agricultural land drainage in southern Ontario, Canada	
H. Spaling (Guelph, Ont., Canada)	279
Contents of Agriculture, Ecosystems and Environment, Volume 53	293

Contents of Applied Soil Ecology, Vol. 2 No. 2

